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Substitute for form 1449A/PTO				Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				Application Number	08/109,045
				Filing Date	November 12, 2000
				First Named Inventor	M. Rignon Lentz
				Group Art Unit	
				Examiner Name	
Sheet	1	of	3	Attorney Docket Number	LEN 102

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	US Patent Document		Name of Patentee or Applicant of Cited Document	Date of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
JS		4,708,713		Lentz	11-24-1987	
		5,135,919		Folkman et al.	08-04-1992	
		5,147,638		Esmon et al.	09-15-1992	
		5,290,807		Folkman et al.	03-01-1994	
		5,629,327		D'Amato	05-13-1997	
		5,639,725		O'Reilly et al.	06-17-1997	
		5,698,586		Kishimoto et al.	12-16-1997	
		5,712,291		D'Amato	06-27-1998	
		5,713,491		Hughes et al.	02-03-1998	
		5,716,981		Hunter et al.	02-10-1998	
		5,733,876		O'Reilly et al.	03-31-1998	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office. <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				

Examine Signature	<i>G. Behr</i>	Date Considered	10/2/02
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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known

Application Number

09/709,045

Filing Date

November 12, 2000

First Named Inventor

M. Rignon Lentz

Group Art Unit

1647

Examiner Name

J. Sehariseyon

Attorney Docket Number

LEN 102

Sheet

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of

3

## OTHER ART -- NON PATENT LITERATURE DOCUMENTS

Examiner's Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
JS		ANDREWS, et al., "Characterization of the receptor for tumor necrosis factor (TNF) and lymphotoxin LT on human T lymphocytes: TNF and LT differ in their receptor binding properties and the induction of MHC class I proteins on a human CD4+ T cell hybridoma," <i>J Immunol</i> 144:2582-2591 (1990).	✓
		CHEN, et al., "Soluble TNF-α receptors are constitutively shed and downregulate adhesion molecule expression in malignant gliomas," <i>J. Neuropathol. Exp. Neurol.</i> 56(5):541-550 (1997).	✓
		CLACKSON, et al., "Making antibody fragments using phage display libraries," <i>Nature</i> 352:624-688 (1991).	✓
		DAUGHERTY, et al., "Polymerase chain reaction facilitates the cloning, CDR-grafting, and rapid expression of a murine monoclonal antibody directed against the CD18 component of leukocyte integrins," <i>Nucl. Acids Res.</i> 19:2471-2476 (1991).	✓
		EY, et al., "Isolation of pure IgG <sub>1</sub> , IgG <sub>2a</sub> , and IgG <sub>2b</sub> immunoglobulins from mouse serum using protein A-Sepharose," <i>Immunochemistry</i> 15:429-436 (1978).	✓
		FEINMAN, et al., "Tumor necrosis factor is a important mediator of tumor cell killing by human monocytes," <i>J Immunol</i> 138:635 (1987).	✓
		GATANAGA, et al., "Identification of TNF-LT blocking factor(s) in the serum and ultrafiltrates of human cancer patients," <i>Lymphokine Res</i> 9:225-9 (1990).	✓
		HARANAKA, et al, "Cytotoxic activity of tumor necrosis factor (TNF) on human cancer cells in vitro," <i>Jpn J Exp Med</i> 51:191 (1981).	✓
		Hemostasis and Thrombosis: Basic Principles and Clinical Practice 2nd Ed., Colman, R.W., et al., p. 263 (J.B.Lippincott, Philadelphia, PA 1987).	✓
		HOWARD, et al., "Vaccinia virus homologues of the Shope fibroma virus inverted terminal repeat proteins and a discontinuous ORF related to the tumor necrosis factor receptor family," <i>Virology</i> 180:633-664 (1991).	✓

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				Group Art Unit	1647
				Examiner Name	J. Schanleyon
Sheet	3	of	3	Attorney Docket Number	LEN 102

OTHER ART -- NON PATENT LITERATURE DOCUMENTS		
Examiner's Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
		JABLONSKA & PEITRUSKA, "Release of soluble tumor necrosis factor receptors from polymorphonuclear cells of breast cancer patients," <i>Arch. Immunol. Ther. Exp.</i> (Warsz) 45(5-6)449-453 (1997).
		KABAT, et al., <i>Sequences of Proteins of Immunological Interest</i> 4 <sup>th</sup> Ed. (U.S. Dept. Health and Human Services, Bethesda, MD, 1987).
		LANGKOPF, et al., "Soluble tumor necrosis factor receptors as prognostic factors in cancer patients," <i>Lancet</i> 344:57-58 (1994).
		MATHIAS, et al., "Activation of the Sphingomyelin signaling pathway intact EL4 cells and in a cell-free system by IL-1b," <i>Science</i> 259:519-522 (1993).
		MATSCHINER, et al., <i>Current Advances in Vitamin K Research</i> , pp. 135-140, John W. Suttie, ed. (Elsevier Science Publishing Co., Inc. 1988).
		OLD, Antitumor activity of microbial products and tumor necrosis factor, and Bonavida B, et al., (eds): <i>Tumor Necrosis Factor/Cachecin and Related Cytokines</i> , Basell, Karger, p7 (1988).
		PHILIP, et al., "Tumor necrosis factor as immunomodulator and mediator of monocyte cytotoxicity induced by itself, Gamma-interferon and Interleukin-1," <i>Nature</i> 323:86 (1986).
		URBAN, et al., "Tumor necrosis factor: A potent effector molecule for tumor cell killing by activated macrophages," <i>Proc Natl Acad Sci USA</i> 83:5233 (1986).
		ZIEGLER-HEITBROCK, et al., "Tumor necrosis factor as effector molecule in monocyte-mediated cytotoxicity," <i>Cancer Res</i> 46:5947 (1986).

Examiner's Signature	<i>J. Schanleyon</i>	Date Considered	10/2/02
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## Application Number

09/709,045

Filing Date

November 10, 2000

**First Named Inventor**

M. Rigdon Lentz

## Group Art Unit

1647

**Examiner Name**

J. Seharaseyon

Attorney Docket Number

LEN 102

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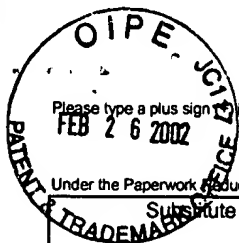
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JS		GATANAGA, et al., "Purification and characterization of an inhibitor (soluble tumor necrosis factor receptor) for tumor necrosis factor and lymphotoxin obtained from the serum ultrafiltrates of human cancer patients," <i>Proceedings of the National Academy of the USA</i> 87(22):8781-87814 (1990).	✓
		LENTZ, "Continuous whole blood UltraPheresis procedure in patients with metastatic cancer," <i>Journal of Biological Response Modifiers</i> 8(5):511-527 (1989).	✓
		LENTZ, "The role of therapeutic apheresis in the treatment of cancer: a review," <i>Therapeutic Apheresis</i> 3(1):40-49 (1999).	✓
		SELINSKY, et al., "Multifaceted inhibition of anti-tumor immune mechanisms by soluble tumour necrosis factor receptor type-1," <i>Immunology</i> 94(1):88-93 (1998).	✓
		TETTA, et al., "Continuous plasma filtration coupled with sorbents," <i>Kidney International</i> 53(66):S186-S189 (1998).	✓

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### Group Art Unit

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**Examiner Name**

J. Sehovalson

Attorney Docket Number

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## U.S. PATENT DOCUMENTS

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